

AMENDMENTS TO THE CLAIMS:

1 - 38. (Canceled)

39. (Currently Amended) A wireless terminal method comprising:

(a) providing a memory on the wireless terminal which, in an on-line mode occurring when there exists a session over an active link between the wireless terminal and a server, is adapted to be treated as local virtual memory by an application program running on [[a]] the server to read and write data in the virtual memory related to the application program; and

(b) providing a local application program on the wireless terminal which, in an off-line mode occurring when there does not exist a session over an active link between the wireless terminal and the server, has read and write access to the data in the virtual memory;

wherein in the off-line mode, when the application program running on the server modifies data at the server, the application program running on the server thereafter establishes a data session with the wireless terminal and updates corresponding data in the virtual memory, and when the local application program modifies particular data in the virtual memory, the local application program initiates a data session with the server and outputs a message to the server, the message comprising updates for at least some of the particular data.

40. (Previously Presented) A wireless terminal method in accordance with Claim 39 further comprising providing an application program running on the server.

41. (Previously Presented) A wireless terminal method in accordance with Claim 39 further comprising downloading applets from the server to the wireless terminal.

42. (Currently Amended) A server method comprising:

providing an application program running on the server;

the application program treating as local virtual memory a memory located on a wireless terminal while a connection between the server and the wireless terminal is established, with read and write access to the memory;

while said connection is established and without wireless terminal user intervention, sending to the wireless terminal a local application program which when run by the wireless terminal allows the wireless terminal read and write access to data in the memory related to the application program while in an off-line mode occurring when there does not exist any connection between the server and the wireless terminal; and

wherein in the off-line mode, when the application program running on the server modifies data at the server, the application program running on the server thereafter establishes a data session with the wireless terminal and updates corresponding data in the virtual memory, and when the local application program modifies particular data in the virtual memory the local application program initiates a data session with the server and outputs a message to the server, the message comprising updates for at least some of the particular data.

43. (Previously Presented) A server method in accordance with Claim 42 further comprising maintaining a mirror version of the local virtual memory.

44. (Currently Amended) A wireless terminal comprising:

a memory, which in an on-line mode occurring when there exists a session over an active link between the wireless terminal and a server, is adapted to be treated as local virtual memory by an application program running on [[a]] the server to read and write data in the virtual memory related to the application program;

a local application program on the wireless terminal, which in an off-line mode occurring when there does not exist a session over an active link between the wireless terminal and the server, has read and write access to the data in the memory; and

wherein in the off-line mode, when the application program running on the server modifies data at the server, the application program running on the server thereafter establishes a data session with the wireless terminal and updates corresponding data in the virtual memory, and when the local application program modifies particular data in the virtual memory the local application program initiates a data session with the server and outputs a message to the server, the message comprising updates for at least some of the particular data.

45. (Previously Presented) A wireless terminal in accordance with Claim 44 further comprising a plurality of keys having dynamically redefinable functions wherein the local application program specifies softkey labels identifying a respective function defined by the application program for at least one of the keys, the local application program comprising the functions defined for at least one of the keys.

46. (Previously Presented) A wireless terminal in accordance with Claim 45 wherein the local functions comprise at least one function which when executed automatically instigates the establishment of a new connection to the server if one is not already in existence.